

Going Beyond Traditional Strategies to Meet Environmental Requirements



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Session III - Rules and Legislation
Conference on Marine Vessels and Air Quality
San Francisco, CA
February 1-2, 2001

Overview

- Need for Market Strategies
- Areas where Market Strategies Could be Applied
- Examples of Market Incentives
- Implementation Issues
- Summary/Recommendations

California Air Pollution Control Laws 2000

California Air Pollution Control Laws 1989



Marine Port Activities

- Marine Vessels
 - Repowering
 - Retardation?
 - Hotelling/Idling
 - Cleaner Fuels



Marine Port Activities

- Cargo Transportation
 - Use of Cleaner Trucks
 - Reduce Truck Idling
 - Cleaner Locomotives
 - Electrification



Marine Port Activities



- Ground Access
 - Cleaner Passenger Shuttles/Taxicabs
 - Promote Cleaner Passenger Cars
 - Reduce Idling Emissions

Marine Port Activities



- Other Activities
 - People Movers
 - Off-Road Utility Equipment



Examples of Market Incentives

- Compliance Flexibility
 - SCAQMD Mobile and Area Source Credit Rules
 - California Vehicle Registration Surcharge
 - Carl Moyer Program
- Economic Savings
 - Cost of Fuel/Maintenance
- “Good Neighbor” Policies
 - Pollution Prevention
 - Traffic Congestion Relief

Encouraging Market Strategy Programs

- Regulatory Process
 - Federal Economic Incentives Program
 - Credit Generation Mechanisms
- Mitigation Measures
 - Environmental Review Process
 - Conformity Determinations
- Stakeholder Partnerships

Implementation Issues

- Capital Costs
- Available Infrastructures
- Regulatory Responsibilities and Restrictions

Summary/Recommendations

- Look at all Activities at Marine Ports
- Develop Stakeholders Partnerships
- Encourage New Technology Development
- Initiate Discussions on Promoting Market Strategies Through Legislative Actions
- Promote National Efforts with Support from Majority of All Marine Ports

FROM SMOG TO FOG.
DAILY.

NONSTOP TO LONDON

AIR NEW ZEALAND